

# Converting Colors

Hex(C85A23)

Have a look what the booklet for  
Hex(C85A23) contains.

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**Color**

**Hex(C85A23)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C85A23
RGB	200, 90, 35
RGB Percent	78%, 35%, 14%
CMY	0.2157, 0.6471, 0.8627
CMYK	0.00, 0.55, 0.83, 0.22
HSL	20°, 70%, 46%
HSV	20°, 82%, 78%
XYZ	27.7790, 19.7130, 3.9310
YIQ	116.6200, 83.2150, 6.2150

# Conversions

## Conversions Part 2

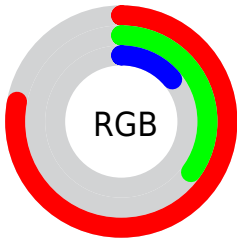
<b>Format</b>	<b>Color</b>
<b>RYB</b>	200, 118, 35
Decimal	13130275
CIELab	51.51, 40.82, 50.30
CIElCh	52, 64.776, 50.939
Yxy	19.7130, 0.5402, 0.3834
Android (android.graphics.Color)	4291320355 (0xFFC85A23)
YUV	116.6200, -40.2387, 73.1243
Hunter-Lab	44.3994, 33.9816, 25.8302

# Details

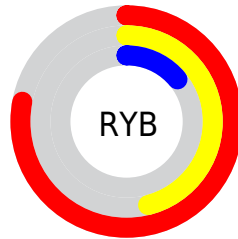
The Hex color **C85A23** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **2391C8**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF8F55**, and **8B2700** is the 20% darker color. If you saturate the color by 10%, you get **C84D0F**, and if you desaturate by 10%, it is **C86737**.

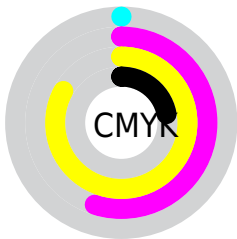
# Distribution



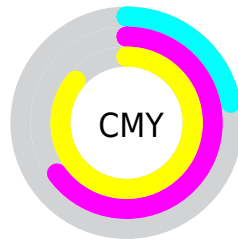
- Red (78%)
- Green (35%)
- Blue (14%)



- Red (78%)
- Yellow (46%)
- Blue (14%)



- Cyan (0%)
- Magenta (55%)
- Yellow (83%)
- Black (22%)



- Cyan (22%)
- Magenta (65%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C85A23 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color C85A23 by changing the saturation by 10% instead.



 C85A23

 C85A23

FFFFFF

 A94007

 FF8F55

 8B2700

 FFAA6E

 6D0700

 FFC688

 500000

 FFE2A3

 350001

 FFFFBE

 0B0000

 FFFFDB

 000000

 FFFFF7

 C85A23

 C85A23

 C84D0F

 C86737

 C84300

 C8754B

 C8825F

 C88F73

 C89D87

 C8AA9B

 C8B7AF

 C8C5C3

 C8D2D7

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



DB4257



C85A23



A27200

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C85A23



009368



5273E3

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



C85A23



2391C8

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0086E9



C85A23



0094A1

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C85A23



1C8E2E



0090D0



AC59C1

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C85A23



817F00



0090D0



007BE8



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



C85A23



FFD5BF



C82391



806659



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



C85A23



FF5703



C8AD23



635D5A



A33600



240C00

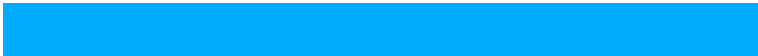


# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



2391C8



03ABFF



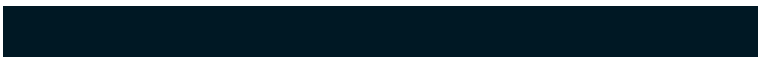
233FC8



5A6063



006DA3



001824



# Previews

## White Background



This preview shows how the Hex color C85A23 looks on a white background.

## Color Contrast Check

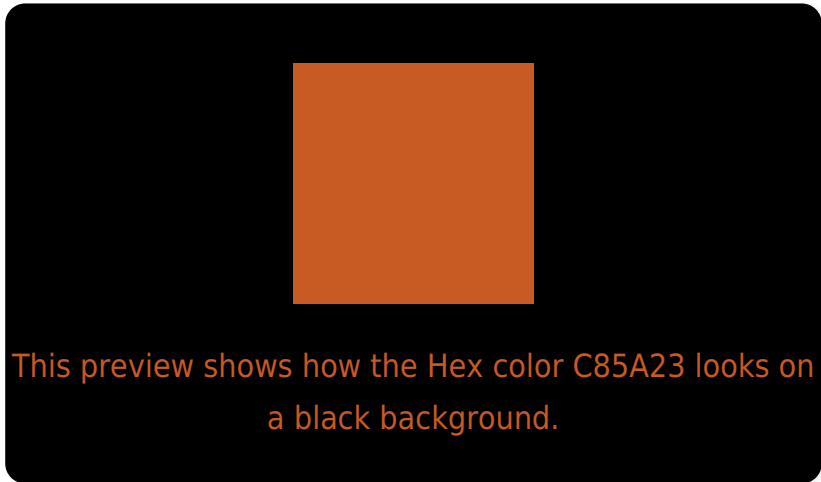
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C85A23 Background



This preview shows how black text looks on a background with the Hex color C85A23.



This preview shows how white text looks on a background with the Hex color C85A23.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
C85A23

**Protanopia**  
8A7C2C

**Deuteranopia**  
9C7518



# Trichromacy



**Original Color**  
C85A23

**Protanomaly**  
A17029

**Deuteranomaly**  
AC6B1C

**Tritanomaly**  
C95646

# Monochromacy



**Original Color**  
C85A23

**Achromatopsia**  
757575

**Achromatomaly**  
936B57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C85A23 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #C85A23 looks like.

```
.text, #text, p{  
    color:#C85A23  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #C85A23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C85A23
}
```

## Border

The CSS property to change the border of an element to Hex C85A23 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C85A23 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#C85A23 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #C85A23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C85A23; -webkit-box-shadow:4px 4px  
4px 4px #C85A23; box-shadow:4px 4px 4px  
4px #C85A23 }
```

# Background

The CSS property to change the background color of an element to Hex C85A23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C85A23 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#C85A23 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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